

PATENT
Attorney Docket No.: 50623.00008

AMENDMENTS TO THE CLAIMS:

Replacement Claim Set:

1-6. (Cancelled).

7. (Currently amended) ~~The radiation image conversion panel of Claim 6, wherein~~ A radiation image conversion panel comprising:

a phosphor sheet having a support and a stimulable phosphor layer on the support,
the stimulable phosphor layer containing a stimulable phosphor; and

a protective film covering the stimulable phosphor layer,

wherein a transmittance of the protective film for stimulating light to stimulate the
stimulable phosphor is not larger than 97%, a haze ratio of the protective film is
within the range of 5% to 60%, and a water vapor transmission rate of the
protective film is not more than 10 g/m² per day.

8. (Cancelled).

9. (Currently amended) ~~The radiation image conversion panel of Claim 8,A~~ A
radiation image conversion panel comprising:

a phosphor sheet having a support and a stimulable phosphor layer on the support,
the stimulable phosphor layer containing a stimulable phosphor; and

a protective film covering the stimulable phosphor layer,

wherein a transmittance of the protective film for stimulating light to stimulate the
stimulable phosphor is not larger than 97% and a haze ratio of the protective film
is within the range of 5% to 60%, and wherein the protective film further

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comprises includes a first resin layer and a second resin layer and the stimulating light absorbing layer is provided between the first resin layer and the second resin layer.

10. (Canceled).
11. (Currently amended) The radiation image conversion panel of Claim 1, A radiation image conversion panel comprising:

a phosphor sheet having a support and a stimulable phosphor layer on the support,
the stimulable phosphor layer containing a stimulable phosphor; and
a protective film covering the stimulable phosphor layer,
wherein a transmittance of the protective film for stimulating light to stimulate the stimulable phosphor is not larger than 97%, a haze ratio of the protective film is within the range of 5% to 60%, and
wherein the protective film is provided independently from the stimulable phosphor layer so as to cover the whole surface of the phosphor sheet and the protective film has an outermost layer, which is in contact with the phosphor sheet, and a surface roughness, which is an arithmetical mean roughness (Ra) defined by JIS-B0601, of the outermost layer of the protective film is larger than a surface roughness of the stimulable phosphor layer, wherein the surface roughness is arithmetical means roughness (Ra) defined by JIS B0601.
12. (Original) The radiation image conversion panel of Claim 11, wherein the surface roughness of the outermost layer of the protective film is not more than 1.0 μm .
13. (Original) The radiation image conversion panel of Claim 11, wherein a water vapor transmission rate of the protective film is not more than 50 g/m^2 per day.

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14. (Original) The radiation image conversion panel of Claim 13, wherein the water vapor transmission rate of the protective film is not more than 10 g/m² per day.
15. (Original) The radiation image conversion panel of Claim 11, wherein the outermost layer of the protective film comprises a thermo-welding resins on surface, which is in contact with the phosphor sheet.
16. (Canceled).
17. (New) The radiation image conversion panel of claim 7, wherein the transmittance of the protective film for stimulating light is within a range of from 97 to 50 percent.
18. (New) The radiation image conversion panel of claim 17, wherein the transmittance of the protective film for stimulating light is within a range of from 97 to 80 percent.
19. (New) The radiation image conversion panel of claim 7, wherein the haze ratio is within the range of 5% to 50%.
20. (New) The radiation image conversion panel of claim 19, wherein the haze ratio is within the range of 10% to 30%.
21. (New) The radiation image conversion panel of claim 9, wherein the transmittance of the protective film for stimulating light is within a range of from 97 to 50 percent.
22. (New) The radiation image conversion panel of claim 21, wherein the transmittance of the protective film for stimulating light is within a range of from 97 to 80 percent.

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23. (New) The radiation image conversion panel of claim 9, wherein the haze ratio is within the range of 5% to 50%.
24. (New) The radiation image conversion panel of claim 19, wherein the haze ratio is within the range of 10% to 30%.
25. (New) The radiation image conversion panel of claim 11, wherein the transmittance of the protective film for stimulating light is within a range of from 9% to 50 percent.
26. (New) The radiation image conversion panel of claim 25, wherein the transmittance of the protective film for stimulating light is within a range of from 9% to 80 percent.
27. (New) The radiation image conversion panel of claim 11, wherein the haze ratio is within the range of 5% to 50%.
28. (New) The radiation image conversion panel of claim 27, wherein the haze ratio is within the range of 10% to 30%.